

heatfast

HEATFAST - HF7000 WINTER FROST PROTECTION KITS

HF7000 trace heating kits are the ideal solution to provide winter frost protection to pipework exposed to low ambient temperatures. Kits are suitable for metallic & plastic pipes up to 100mm diameter* and come complete with self-regulating trace heating cable, ambient sensing control thermostat and all necessary components & instructions to allow for easy installation.

Part Reference

HF7005 - 5m Frost Protection Kit
HF7010 - 10m Frost Protection Kit
HF7025 - 25m Frost Protection Kit
HF7050 - 50m Frost Protection Kit
HF7100 - 100m Frost Protection Kit

Kit Contents

HF1210 - Self Regulating Frost Protection Cable
HF9101-V1 - Ambient Sensing Thermostat Pre-set at 5°C
HF9425 - Connection/Termination Kit
HF9501 - Glass Tape
HF9591 - Warning Labels
HF9550 - Mounting Brackets



- Voltage: Mains, 240v
- Quick & safe frost protection solution
- Self-regulating
- Suitable for install by DIY or trade

HEATFAST HF1210 Cable Specification

Colour	Black
Overjacket	Polyolefin
Maximum Exposure Temperature (Energised)	65°C
Bus wire diameter	1.23mm ²
Power Output	10w/m
Voltage	230V
Braid	Copper

Self-Regulating Cable – Operating Principle

Parallel bus wires apply voltage along the entire length of the heater cable. The conductive core provides an infinite number of parallel conductive paths allowing the cable to be cut to length on site.

The cables' ability to be self-regulating derives from the properties of the conductive core material. As the core temperature increases the number of conductive paths in the core decreases - decreasing the heat output.

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This occurs at every point along the length of the cable, adjusting power output to the varying conditions along the pipe.

* Heat loss calculations are based on metallic pipes up to 100mm diameter, 25mm thermal insulation, -10°C minimum ambient temperature and 65°C maximum pipe temperature. If you have different requirements please contact T&D for advice.

To comply with British Standards, all trace heating kits should be wired with suitable MCB and 30mA RCD protection. Contact T&D for advice.

40 Years Service Life – IEEE Performance Tested

Manufactured in accordance with IEEE515-2004 and IEEE515.1 Standard for the Testing, Design, Installation and Maintenance of Electrical Resistance Heat Tracing for Commercial Applications. The test uses accelerated thermal aging to estimate the life expectancy of a products construction over a prolonged period of time. This test method results in a life expectancy in excess of 40 years at a maximum maintenance temperature of 65 Degrees Celsius.

This testing includes:

- * Dielectric
- * Elevated Temperature Exposure
- * Deformation
- * Cold Bend
- * Verification of Rated Output
- * Water Resistance
- * Thermal Performance Benchmark
- * Impact
- * Flammability
- * Verification of Start-Up Current

Over 500KM of HEATFAST trace heating cables have been installed to projects throughout the UK including the Olympic Stadium & Wembley Stadium. You will not need to replace our system next winter.

Contact Information

T&D (Gateshead)
Gear House
Saltmeadows Road
Gateshead
NE8 3AH

T&D (Bristol)
Units 9 & 10
Birchills Trading Estate
Emery Road
Brislington
Bristol
BS4 5PF

Phone: 0191 490 1547
Northernsales@thorneandderrick.co.uk

Phone: 0117 977 4647
Southernsales@thorneandderrick.co.uk

